

PATENT
Attorney Docket No. 401530/SHINSEI

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KITAMURA et al.

Application No. Unassigned

Filed: January 16, 2002

For: EXCITATION CONTROL DEVICE AND
EXCITATION CONTROL METHOD

Art Unit: Unassigned

Examiner: Unassigned

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PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter the following amendments and consider the following remarks.

IN THE CLAIMS:

Replace the indicated claims with:

1. (Amended) An excitation control device comprising:
- voltage detecting means for detecting a voltage of an output terminal of a synchronous machine which is connected to a power transmission system through a transformer;
 - reactive current detecting means for detecting a reactive current output from the synchronous machine;
 - voltage setting means for setting a reference voltage of the output terminal of the synchronous machine according to the reactive current detected by the reactive current detecting means, a reference voltage of an output side of the transformer, and a phase compensation transfer function to quicken attenuation of an electric power fluctuation; and
 - control means for controlling an exciting system of the synchronous machine according to a difference between the reference voltage set by the voltage setting means and the voltage of the output terminal of the synchronous machine detected by the voltage detecting means.

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